



Eastern Research Group
601 Keystone Park Drive
Suite 700
Morrisville, NC 27560

February 22, 2019

Ms. Doris Chen & Lewis Weinstock
U.S. Environmental Protection Agency - OAQPS
109 T.W. Alexander Drive, Mail Code: C304-06
RTP, NC 27709
Project Name: EtO Region 5

Dear Ms. Doris Chen & Lewis Weinstock,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 01/24/19 10:46 through 02/13/19 11:13.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift
Program Manager
julie.swift@erg.com

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify julie.swift@erg.com and delete the report without retaining any copies.



CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
Gower MS	9012401-01	Air	01/23/19 10:21	01/24/19 10:46
Gower ES	9012401-02	Air	01/23/19 10:40	01/24/19 10:46
Willow Pond Park	9012401-03	Air	01/23/19 10:31	01/24/19 10:46
WB Warehouse C1	9012401-04	Air	01/23/19 09:43	01/24/19 10:46
WB Warehouse C2	9012401-05	Air	01/23/19 09:43	01/24/19 10:46
WB Village Hall	9012401-06	Air	01/23/19 10:17	01/24/19 10:46
Hinsdale South HS	9012401-07	Air	01/23/19 10:35	01/24/19 10:46
Water Tower	9012401-08	Air	01/23/19 10:26	01/24/19 10:46
West Neighborhood	9012401-09	Air	01/23/19 10:44	01/24/19 10:46
WB Trip Blank	9012401-10	Air	01/23/19 00:00	01/24/19 10:46
EPA WB Warehouse	9012816-01	Air	01/25/19 09:59	01/28/19 11:10
Gower MS	9012816-02	Air	01/25/19 10:08	01/28/19 11:10
West Neighborhood	9012816-03	Air	01/25/19 10:34	01/28/19 11:10
WB Village Hall C1	9012816-04	Air	01/25/19 10:02	01/28/19 11:10
WB Village Hall C2	9012816-05	Air	01/25/19 10:02	01/28/19 11:10
Hinsdale South HS	9012816-06	Air	01/25/19 10:27	01/28/19 11:10
Gower ES	9012816-07	Air	01/25/19 10:34	01/28/19 11:10
Water Tower	9012816-08	Air	01/25/19 10:13	01/28/19 11:10
Willow Pond Park	9012816-09	Air	01/25/19 10:18	01/28/19 11:10
Gower ES	9013003-01	Air	01/28/19 10:29	01/30/19 11:23
Water Tower	9013003-02	Air	01/28/19 10:10	01/30/19 11:23
Willow Pond Park	9013003-03	Air	01/28/19 10:16	01/30/19 11:23
Hinsdale South HS	9013003-04	Air	01/28/19 10:23	01/30/19 11:23

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FILE #: 0344.00

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AQS SITE CODE:

SITE CODE: EtO Region 5

WB Village Hall	9013003-05	Air	01/28/19 09:55	01/30/19 11:23
WB Warehouse C1	9013003-06	Air	01/28/19 09:50	01/30/19 11:23
WB Warehouse C2	9013003-07	Air	01/28/19 09:50	01/30/19 11:23
Gower MS	9013003-08	Air	01/28/19 10:02	01/30/19 11:23
West Neighborhood	9013003-09	Air	01/28/19 10:35	01/30/19 11:23
Gower ES	9020508-01	Air	02/02/19 11:38	02/05/19 09:55
WB Warehouse	9020508-02	Air	02/02/19 09:44	02/05/19 09:55
WB Village Hall C1	9020508-03	Air	02/02/19 09:36	02/05/19 09:55
Willow Pond Park	9020508-04	Air	02/02/19 10:58	02/05/19 09:55
Water Tower	9020508-05	Air	02/02/19 10:41	02/05/19 09:55
West Neighborhood	9020508-06	Air	02/02/19 11:54	02/05/19 09:55
Trip Blank	9020508-07	Air	02/02/19 00:00	02/05/19 09:55
Gower MS	9020508-08	Air	02/02/19 10:16	02/05/19 09:55
Hinsdale South HS	9020508-09	Air	02/02/19 11:17	02/05/19 09:55
Water Tower	9020508-10	Air	02/03/19 10:28	02/05/19 09:55
WB Village Hall	9020508-11	Air	02/03/19 10:13	02/05/19 09:55
West Neighborhood	9020508-12	Air	02/03/19 11:46	02/05/19 09:55
WB Warehouse C1	9020508-13	Air	02/03/19 10:05	02/05/19 09:55
WB Warehouse C2	9020508-14	Air	02/03/19 10:05	02/05/19 09:55
Willow Pond Park	9020508-15	Air	02/03/19 10:51	02/05/19 09:55
Gower ES	9020508-16	Air	02/03/19 11:28	02/05/19 09:55
Gower MS	9020508-17	Air	02/03/19 10:21	02/05/19 09:55
Hinsdale South HS	9020508-18	Air	02/03/19 11:08	02/05/19 09:55
WB Village Hall C2	9020508-19	Air	02/02/19 09:36	02/05/19 09:55
Water Tower	9020702-01	Air	02/06/19 09:57	02/07/19 10:50
Hinsdale South HS	9020702-02	Air	02/06/19 10:14	02/07/19 10:50

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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

WB Village Hall C1	9020702-03	Air	02/06/19 09:43	02/07/19 10:50
WB Village Hall C2	9020702-04	Air	02/06/19 09:42	02/07/19 10:50
WB Warehouse	9020702-05	Air	02/06/19 09:37	02/07/19 10:50
Gower MS	9020702-06	Air	02/06/19 09:50	02/07/19 10:50
Willow Pond Park	9020702-07	Air	02/06/19 10:03	02/07/19 10:50
Gower ES	9020702-08	Air	02/06/19 10:20	02/07/19 10:50
West Neighborhood	9020702-09	Air	02/06/19 10:25	02/07/19 10:50
Gower MS	9021313-01	Air	02/09/19 09:51	02/13/19 11:13
Willow Pond Park	9021313-02	Air	02/09/19 10:15	02/13/19 11:13
Water Tower	9021313-03	Air	02/09/19 10:05	02/13/19 11:13
West Neighborhood	9021313-04	Air	02/09/19 10:45	02/13/19 11:13
Hinsdale South HS	9021313-05	Air	02/09/19 10:30	02/13/19 11:13
WB Warehouse C1	9021313-06	Air	02/09/19 09:20	02/13/19 11:13
WB Warehouse C2	9021313-07	Air	02/09/19 09:20	02/13/19 11:13
Gower ES	9021313-08	Air	02/09/19 10:40	02/13/19 11:13
WB Village Hall	9021313-09	Air	02/09/19 09:30	02/13/19 11:13



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 9012401-01

Sampled: 01/23/19 10:21

Pressure @ Receipt: 3.50" Hg

Canister #: 5082

Received: 01/24/19 10:46

Comments: Probe #10311 Start 9:56 1/22/19

Analyzed: 01/31/19 16:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.193	0.35		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9012401-02

Sampled: 01/23/19 10:40

Pressure @ Receipt: 3.00" Hg

Canister #: SAT159

Received: 01/24/19 10:46

Comments: Probe # 10293 Start 10:47 1/22/19

Analyzed: 01/31/19 17:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.331	0.60		0.0453

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REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9012401-03

Sampled: 01/23/19 10:31

Pressure @ Receipt: 3.00" Hg

Canister #: 19653

Received: 01/24/19 10:46

Comments: Probe # 10294 Start 10:18 1/22/19

Analyzed: 01/31/19 18:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.22	2.20		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C1

Lab ID: 9012401-04

Sampled: 01/23/19 09:43

Pressure @ Receipt: 2.00" Hg

Canister #: A21010

Received: 01/24/19 10:46

Comments: Col 1 Probe # 10314 Start 09:36 1/22/19

Analyzed: 01/31/19 19:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.27	4.10		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C2

Lab ID: 9012401-05

Sampled: 01/23/19 09:43

Pressure @ Receipt: 4.00" Hg

Canister #: 5118

Received: 01/24/19 10:46

Comments: Col 2 Probe # 10315 Start 09:35 1/22/19

Analyzed: 01/31/19 20:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.24	4.04		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 9012401-06

Sampled: 01/23/19 10:17

Pressure @ Receipt: 1.00" Hg

Canister #: SAT119

Received: 01/24/19 10:46

Comments: Probe #10313 Start 09:45 1/22/19

Analyzed: 01/31/19 23:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.838	1.51		0.0453



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REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9012401-07

Sampled: 01/23/19 10:35

Pressure @ Receipt: 3.50" Hg

Canister #: 18826

Received: 01/24/19 10:46

Comments: Probe #10076 Start 10:29 1/22/19

Analyzed: 02/01/19 00:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.193	0.35		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9012401-08

Sampled: 01/23/19 10:26

Pressure @ Receipt: 2.50" Hg

Canister #: 5069

Received: 01/24/19 10:46

Comments: Probe # 10312 Start 10:09 1/22/19

Analyzed: 02/01/19 01:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	5.99	10.80		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9012401-09

Sampled: 01/23/19 10:44

Pressure @ Receipt: 2.50" Hg

Canister #: A21026

Received: 01/24/19 10:46

Comments: Probe # 10310 Start 10:59 1/22/19

Analyzed: 02/01/19 02:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.590	1.07		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Trip Blank

Lab ID: 9012401-10

Sampled: 01/23/19 00:00

Pressure @ Receipt: 29.00" Hg

Canister #: A21074

Received: 01/24/19 10:46

Comments: Trip Blank

Analyzed: 02/01/19 03:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

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SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: EPA WB Warehouse

Lab ID: 9012816-01

Sampled: 01/25/19 09:59

Pressure @ Receipt: 2.50" Hg

Canister #: A21073

Received: 01/28/19 11:10

Comments: Probe # 10314 Start 09:20 1/24/19 Remeasured pressure

Analyzed: 02/01/19 13:22

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.155	0.28		0.0453



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SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 9012816-02

Sampled: 01/25/19 10:08

Pressure @ Receipt: 3.50" Hg

Canister #: A21039

Received: 01/28/19 11:10

Comments: Probe #10311 Start 9:50 1/24/19 Remeasured pressure

Analyzed: 02/01/19 14:22

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0423	0.08	U	0.0453

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REPORTED: 02/22/19 08:19

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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9012816-03

Sampled: 01/25/19 10:34

Pressure @ Receipt: 2.50" Hg

Canister #: SAT024

Received: 01/28/19 11:10

Comments: Probe # 10310 Start 10:52 1/24/19

Analyzed: 02/01/19 04:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0333	0.06	U	0.0453

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FILE #: 0344.00

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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 9012816-04

Sampled: 01/25/19 10:02

Pressure @ Receipt: 3.00" Hg

Canister #: 5053

Received: 01/28/19 11:10

Comments: Col 1 Probe #10313 Start 09:36 1/24/19 Remeasured pressure

Analyzed: 02/01/19 15:24

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.145	0.26		0.0453



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109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 9012816-05

Sampled: 01/25/19 10:02

Pressure @ Receipt: 3.30" Hg

Canister #: A21099

Received: 01/28/19 11:10

Comments: Col 2 Probe # 10315 Start 9:36 1/24/19

Analyzed: 02/01/19 16:26

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0873	0.16		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9012816-06

Sampled: 01/25/19 10:27

Pressure @ Receipt: 3.00" Hg

Canister #: SAT047

Received: 01/28/19 11:10

Comments: Probe #10076 Start 10:26 1/24/19

Analyzed: 02/01/19 19:28

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453

Eastern Research Group

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9012816-07

Sampled: 01/25/19 10:34

Pressure @ Receipt: 2.50" Hg

Canister #: 18874

Received: 01/28/19 11:10

Comments: Probe # 10293 Start 10:39 1/24/19

Analyzed: 02/01/19 20:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0524	0.09		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9012816-08

Sampled: 01/25/19 10:13

Pressure @ Receipt: 2.00" Hg

Canister #: 5099

Received: 01/28/19 11:10

Comments: Probe # 10312 Start 10:00 1/24/19

Analyzed: 02/01/19 21:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0454	0.08		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9012816-09

Sampled: 01/25/19 10:18

Pressure @ Receipt: 2.50" Hg

Canister #: A21028

Received: 01/28/19 11:10

Comments: Probe # 10294 Start 10:11 1/24/19

Analyzed: 02/01/19 22:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0629	0.11		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9013003-01

Sampled: 01/28/19 10:29

Pressure @ Receipt: 4.50" Hg

Canister #: 5009

Received: 01/30/19 11:23

Comments: Probe # 10293 Start 10:43 1/27/19

Analyzed: 02/01/19 23:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.162	0.29		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9013003-02

Sampled: 01/28/19 10:10

Pressure @ Receipt: 2.00" Hg

Canister #: SAT023

Received: 01/30/19 11:23

Comments: Probe # 10312 Start 10:08 1/27/19

Analyzed: 02/02/19 00:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.967	1.75		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9013003-03

Sampled: 01/28/19 10:16

Pressure @ Receipt: 4.00" Hg

Canister #: 5081

Received: 01/30/19 11:23

Comments: Probe # 10294 Start 10:18 1/27/19

Analyzed: 02/02/19 01:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.450	0.81		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9013003-04

Sampled: 01/28/19 10:23

Pressure @ Receipt: 4.00" Hg

Canister #: 19293

Received: 01/30/19 11:23

Comments: Probe #10076 Start 10:25 1/27/19

Analyzed: 02/02/19 02:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.82	3.29		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 9013003-05

Sampled: 01/28/19 09:55

Pressure @ Receipt: 2.20" Hg

Canister #: 5056

Received: 01/30/19 11:23

Comments: Probe #10313 Start 09:46 1/27/19

Analyzed: 02/07/19 10:34

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	10.7	19.30	D	0.0757



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C1

Lab ID: 9013003-06

Sampled: 01/28/19 09:50

Pressure @ Receipt: 1.70" Hg

Canister #: AZ43

Received: 01/30/19 11:23

Comments: Col 1 Probe # 10314 Start 09:36 1/27/19

Analyzed: 02/02/19 04:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.612	1.10		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C2

Lab ID: 9013003-07

Sampled: 01/28/19 09:50

Pressure @ Receipt: 3.00" Hg

Canister #: SAT178

Received: 01/30/19 11:23

Comments: Col 2 Probe # 10315 Start 09:36 1/27/19

Analyzed: 02/02/19 05:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.698	1.26		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 9013003-08

Sampled: 01/28/19 10:02

Pressure @ Receipt: 2.00" Hg

Canister #: SAT111

Received: 01/30/19 11:23

Comments: Probe #10311 Start 9:57 1/27/19

Analyzed: 02/02/19 08:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0857	0.16		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9013003-09

Sampled: 01/28/19 10:35

Pressure @ Receipt: 2.50" Hg

Canister #: SAT181

Received: 01/30/19 11:23

Comments: Probe # 10310 Start 10:52 1/27/19

Analyzed: 02/02/19 09:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.913	1.65		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9020508-01

Sampled: 02/02/19 11:38

Pressure @ Receipt: 3.00" Hg

Canister #: SAT021

Received: 02/05/19 09:55

Comments: Probe # 10293 Start 11:39 2/1/19

Analyzed: 02/07/19 16:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0868	0.16		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse

Lab ID: 9020508-02

Sampled: 02/02/19 09:44

Pressure @ Receipt: 2.50" Hg

Canister #: A21055

Received: 02/05/19 09:55

Comments: Probe #10314 Start 10:03 2/1/19

Analyzed: 02/07/19 17:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0736	0.13		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 9020508-03

Sampled: 02/02/19 09:36

Pressure @ Receipt: 2.00" Hg

Canister #: SAT057

Received: 02/05/19 09:55

Comments: Col 1 Probe #10313 Start 10:16 2/1/19

Analyzed: 02/07/19 18:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.528	0.95		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9020508-04

Sampled: 02/02/19 10:58

Pressure @ Receipt: 4.50" Hg

Canister #: 5080

Received: 02/05/19 09:55

Comments: Probe # 10294 Start 11:02 2/1/19

Analyzed: 02/07/19 22:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.05	3.70		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9020508-05

Sampled: 02/02/19 10:41

Pressure @ Receipt: 3.50" Hg

Canister #: 5076

Received: 02/05/19 09:55

Comments: Probe # 10312 Start 10:48 2/1/19

Analyzed: 02/07/19 23:37

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	5.25	9.48		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9020508-06

Sampled: 02/02/19 11:54

Pressure @ Receipt: 3.50" Hg

Canister #: 5079

Received: 02/05/19 09:55

Comments: Probe # 10310 Start 11:49 2/1/19

Analyzed: 02/08/19 00:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0716	0.13		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Trip Blank

Lab ID: 9020508-07

Sampled: 02/02/19 00:00

Pressure @ Receipt: 30" Hg

Canister #: 18831

Received: 02/05/19 09:55

Comments: Willow Brook

Analyzed: 02/13/19 12:41

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 9020508-08

Sampled: 02/02/19 10:16

Pressure @ Receipt: 3.00" Hg

Canister #: 19662

Received: 02/05/19 09:55

Comments: Probe #10311 Start 10:31 2/1/19

Analyzed: 02/08/19 01:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0560	0.10		0.0453



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PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9020508-09

Sampled: 02/02/19 11:17

Pressure @ Receipt: 5.00" Hg

Canister #: 5046

Received: 02/05/19 09:55

Comments: Probe #10076 Start 11:26 2/1/19

Analyzed: 02/08/19 02:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.178	0.32		0.0453

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U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9020508-10

Sampled: 02/03/19 10:28

Pressure @ Receipt: 4.00" Hg

Canister #: SAT026

Received: 02/05/19 09:55

Comments: Probe # 10312 Start 10:50 2/2/19

Analyzed: 02/08/19 03:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	4.14	7.47		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 9020508-11

Sampled: 02/03/19 10:13

Pressure @ Receipt: 3.50" Hg

Canister #: 5130

Received: 02/05/19 09:55

Comments: Probe #10313 Start 10:07 2/2/19

Analyzed: 02/08/19 04:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.212	0.38		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9020508-12

Sampled: 02/03/19 11:46

Pressure @ Receipt: 4.50" Hg

Canister #: 2240

Received: 02/05/19 09:55

Comments: Probe # 10310 Start 12:12 2/2/19

Analyzed: 02/08/19 05:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0888	0.16		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C1

Lab ID: 9020508-13

Sampled: 02/03/19 10:05

Pressure @ Receipt: 4.00" Hg

Canister #: 5136

Received: 02/05/19 09:55

Comments: Col 1 Probe # 10314 Start 09:56 2/2/19

Analyzed: 02/13/19 13:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.126	0.23		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C2

Lab ID: 9020508-14

Sampled: 02/03/19 10:05

Pressure @ Receipt: 6.00" Hg

Canister #: 5044

Received: 02/05/19 09:55

Comments: Col 2 Probe # 10315 Start 09:56 2/2/19

Analyzed: 02/13/19 14:34

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.139	0.25		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9020508-15

Sampled: 02/03/19 10:51

Pressure @ Receipt: 5.00" Hg

Canister #: A21072

Received: 02/05/19 09:55

Comments: Probe # 10294 Start 11:10 2/2/19

Analyzed: 02/13/19 17:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.772	1.39		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9020508-16

Sampled: 02/03/19 11:28

Pressure @ Receipt: 4.50" Hg

Canister #: A21065

Received: 02/05/19 09:55

Comments: Probe # 10293 Start 11:46 2/2/19

Analyzed: 02/13/19 18:38

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.119	0.22		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 9020508-17

Sampled: 02/03/19 10:21

Pressure @ Receipt: 5.50" Hg

Canister #: 5115

Received: 02/05/19 09:55

Comments: Probe #10311 Start 10:35 2/2/19

Analyzed: 02/13/19 19:40

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.205	0.37		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9020508-18

Sampled: 02/03/19 11:08

Pressure @ Receipt: 5.50" Hg

Canister #: 18878

Received: 02/05/19 09:55

Comments: Probe #10076 Start 11:27 2/2/19

Analyzed: 02/13/19 20:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0724	0.13		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 9020508-19

Sampled: 02/02/19 09:36

Pressure @ Receipt: 4.50" Hg

Canister #: SAT086

Received: 02/05/19 09:55

Comments: Col 2 Probe # 10315 Start 10:16 2/1/19

Analyzed: 02/07/19 19:35

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.488	0.88		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9020702-01

Sampled: 02/06/19 09:57

Pressure @ Receipt: 4.50" Hg

Canister #: 5146

Received: 02/07/19 10:50

Comments: Probe # 10312 Start 10:21 2/5/19

Analyzed: 02/13/19 21:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.115	0.21		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9020702-02

Sampled: 02/06/19 10:14

Pressure @ Receipt: 5.00" Hg

Canister #: A21091

Received: 02/07/19 10:50

Comments: Probe #10076 Start 10:47 2/5/19

Analyzed: 02/13/19 22:42

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.131	0.24		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C1

Lab ID: 9020702-03

Sampled: 02/06/19 09:43

Pressure @ Receipt: 2.00" Hg

Canister #: 18882

Received: 02/07/19 10:50

Comments: Col 1 Probe #10313 Start 9:54 2/5/19

Analyzed: 02/13/19 23:44

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	9.56	17.30		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall C2

Lab ID: 9020702-04

Sampled: 02/06/19 09:42

Pressure @ Receipt: 5.00" Hg

Canister #: SAT025

Received: 02/07/19 10:50

Comments: Col 2 Probe # 10315 Start 9:54 2/5/19

Analyzed: 02/14/19 00:44

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	8.61	15.50		0.0453

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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse

Lab ID: 9020702-05

Sampled: 02/06/19 09:37

Pressure @ Receipt: 3.00" Hg

Canister #: AZ51

Received: 02/07/19 10:50

Comments: Probe #10314 Start 9:42 2/5/19

Analyzed: 02/14/19 14:36

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	14.6	26.40	D	0.0757



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS	Lab ID: 9020702-06	Sampled: 02/06/19 09:50
Pressure @ Receipt: 4.00" Hg	Canister #: SAT050	Received: 02/07/19 10:50
Comments: Probe #10311 Start 10:08 2/5/19		Analyzed: 02/14/19 04:47

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	1.82	3.29		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9020702-07

Sampled: 02/06/19 10:03

Pressure @ Receipt: 4.50" Hg

Canister #: SAT009

Received: 02/07/19 10:50

Comments: Probe # 10294 Start 10:34 2/5/19

Analyzed: 02/14/19 05:49

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0963	0.17		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9020702-08

Sampled: 02/06/19 10:20

Pressure @ Receipt: 4.00" Hg

Canister #: 161

Received: 02/07/19 10:50

Comments: Probe # 10293 Start 10:59 2/5/19

Analyzed: 02/14/19 06:49

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.764	1.38	LK	0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9020702-09

Sampled: 02/06/19 10:25

Pressure @ Receipt: 3.50" Hg

Canister #: 101

Received: 02/07/19 10:50

Comments: Probe # 10310 Start 11:09 2/5/19

Analyzed: 02/14/19 07:44

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.96	5.34		0.0453

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REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower MS

Lab ID: 9021313-01

Sampled: 02/09/19 09:51

Pressure @ Receipt: 2.00" Hg

Canister #: SAT172

Received: 02/13/19 11:13

Comments: Probe #10311 Start 10:02 2/8/19

Analyzed: 02/15/19 14:25

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.243	0.44		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Willow Pond Park

Lab ID: 9021313-02

Sampled: 02/09/19 10:15

Pressure @ Receipt: 4.00" Hg

Canister #: 5100

Received: 02/13/19 11:13

Comments: Probe # 10294 Start 10:25 2/8/19

Analyzed: 02/15/19 15:27

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.118	0.21		0.0453

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FILE #: 0344.00

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SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Water Tower

Lab ID: 9021313-03

Sampled: 02/09/19 10:05

Pressure @ Receipt: 1.90" Hg

Canister #: 19290

Received: 02/13/19 11:13

Comments: Probe # 10312 Start 10:12 2/8/19

Analyzed: 02/15/19 16:29

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.129	0.23		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: West Neighborhood

Lab ID: 9021313-04

Sampled: 02/09/19 10:45

Pressure @ Receipt: 2.20" Hg

Canister #: 18880

Received: 02/13/19 11:13

Comments: Probe # 10310 Start 10:50 2/8/19

Analyzed: 02/15/19 17:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.152	0.27		0.0453

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PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Hinsdale South HS

Lab ID: 9021313-05

Sampled: 02/09/19 10:30

Pressure @ Receipt: 3.50" Hg

Canister #: 19340

Received: 02/13/19 11:13

Comments: Probe #10076 Start 10:38 2/8/19

Analyzed: 02/15/19 18:31

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.192	0.35		0.0453



CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency - OAQPS

109 T.W. Alexander Drive, Mail Code: C304-C

RTP, NC 27709

ATTN: Ms. Doris Chen & Lewis Weinstock

PHONE: (919) 541-4957 FAX: -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C1

Lab ID: 9021313-06

Sampled: 02/09/19 09:20

Pressure @ Receipt: 1.50" Hg

Canister #: 2527

Received: 02/13/19 11:13

Comments: Col 1 Probe #10314 Start 9:40 2/8/19

Analyzed: 02/15/19 19:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.79	5.04		0.0453



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SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Warehouse C2

Lab ID: 9021313-07

Sampled: 02/09/19 09:20

Pressure @ Receipt: 3.00" Hg

Canister #: SAT164

Received: 02/13/19 11:13

Comments: Col 2 Probe # 10315 Start 9:40 2/8/19

Analyzed: 02/15/19 20:32

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	2.38	4.30		0.0453

Eastern Research Group

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REPORTED: 02/22/19 08:19

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AQS SITE CODE:

SITE CODE: EtO Region 5

Description: Gower ES

Lab ID: 9021313-08

Sampled: 02/09/19 10:40

Pressure @ Receipt: 3.00" Hg

Canister #: 5007

Received: 02/13/19 11:13

Comments: Probe # 10293 Start 10:49 2/8/19 received without brass cap

Analyzed: 02/15/19 23:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.112	0.20		0.0453



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FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Description: WB Village Hall

Lab ID: 9021313-09

Sampled: 02/09/19 09:30

Pressure @ Receipt: 0.90" Hg

Canister #: 19641

Received: 02/13/19 11:13

Comments: Probe #10313 Start 9:51 2/8/19

Analyzed: 02/16/19 00:33

Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m³</u>		<u>ppbv</u>
Ethylene oxide	0.401	0.72		0.0453

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REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B9A3106 - Summa Canister Prep

Blank (B9A3106-BLK1)

Prepared: 01/25/19 Analyzed: 01/31/19

Ethylene oxide	ND	ppbv				U
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Duplicate (B9A3106-DUP1)

Source: 9012401-04

Prepared: 01/23/19 Analyzed: 01/31/19

Ethylene oxide	2.14	ppbv	2.27	6.24	25	
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Duplicate (B9A3106-DUP2)

Source: 9012401-05

Prepared: 01/23/19 Analyzed: 01/31/19

Ethylene oxide	2.21	ppbv	2.24	1.16	25	
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Batch B9B0102 - Summa Canister Prep

Blank (B9B0102-BLK1)

Prepared: 01/31/19 Analyzed: 02/01/19

Ethylene oxide	ND	ppbv				U
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Duplicate (B9B0102-DUP1)

Source: 9012816-04

Prepared: 01/25/19 Analyzed: 02/01/19

Ethylene oxide	0.164	ppbv	0.15	12.2	25	
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Duplicate (B9B0102-DUP2)

Source: 9012816-05

Prepared: 01/25/19 Analyzed: 02/01/19

Ethylene oxide	0.0550	ppbv	0.09	45.4	25	
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Duplicate (B9B0102-DUP3)

Source: 9013003-06

Prepared: 01/28/19 Analyzed: 02/02/19

Ethylene oxide	0.678	ppbv	0.61	10.3	25	
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Duplicate (B9B0102-DUP4)

Source: 9013003-07

Prepared: 01/28/19 Analyzed: 02/02/19

Ethylene oxide	0.658	ppbv	0.70	5.89	25	
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Batch B9B0705 - Summa Canister Prep

Blank (B9B0705-BLK1)

Prepared: 02/06/19 Analyzed: 02/07/19

Ethylene oxide	ND	ppbv				U
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Duplicate (B9B0705-DUP1)

Source: 9020508-03

Prepared: 02/02/19 Analyzed: 02/07/19

Ethylene oxide	0.563	ppbv	0.53	6.36	25	
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Duplicate (B9B0705-DUP2)

Source: 9020508-19

Prepared: 02/02/19 Analyzed: 02/07/19

Ethylene oxide	0.498	ppbv	0.49	2.15	25	
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Batch B9B1307 - Summa Canister Prep

Blank (B9B1307-BLK1)

Prepared: 02/06/19 Analyzed: 02/13/19

Ethylene oxide	ND	ppbv				U
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Duplicate (B9B1307-DUP1)

Source: 9020508-13

Prepared: 02/03/19 Analyzed: 02/13/19

Ethylene oxide	0.129	ppbv	0.13	2.28	25	
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Duplicate (B9B1307-DUP2)

Source: 9020508-14

Prepared: 02/03/19 Analyzed: 02/13/19

Ethylene oxide	0.154	ppbv	0.14	9.96	25	
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Duplicate (B9B1307-DUP3)

Source: 9020702-03

Prepared: 02/06/19 Analyzed: 02/14/19

Ethylene oxide	8.66	ppbv	9.56	9.89	25	
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Duplicate (B9B1307-DUP4)

Source: 9020702-04

Prepared: 02/06/19 Analyzed: 02/14/19

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AQS SITE CODE:

SITE CODE: EtO Region 5

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B9B1307 - Summa Canister Prep

Duplicate (B9B1307-DUP4) Continued **Source: 9020702-04** Prepared: 02/06/19 Analyzed: 02/14/19

Ethylene oxide	9.31	ppbv	8.61	7.81	25	
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Batch B9B1504 - Summa Canister Prep

Blank (B9B1504-BLK1) Prepared: 02/14/19 Analyzed: 02/15/19

Ethylene oxide	ND	ppbv				U
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Duplicate (B9B1504-DUP1) **Source: 9021313-06** Prepared: 02/09/19 Analyzed: 02/15/19

Ethylene oxide	2.67	ppbv	2.79	4.47	25	
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Duplicate (B9B1504-DUP2) **Source: 9021313-07** Prepared: 02/09/19 Analyzed: 02/15/19

Ethylene oxide	2.33	ppbv	2.38	2.12	25	
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REPORTED: 02/22/19 08:19

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AQS SITE CODE:

SITE CODE: EtO Region 5

Analyte	Result	Units	% Difference	Limit (%)	Notes
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Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 1901101

Calibration Check (1901101-CCV1)

Prepared & Analyzed: 01/31/19

Ethylene oxide	1.96	ppbv	-21.7	30.00
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Sequence 1902002

Calibration Check (1902002-CCV1)

Prepared & Analyzed: 02/01/19

Ethylene oxide	1.94	ppbv	-22.3	30.00
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Sequence 1902018

Calibration Check (1902018-CCV1)

Prepared & Analyzed: 02/07/19

Ethylene oxide	1.96	ppbv	-21.6	30.00
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Sequence 1902036

Calibration Check (1902036-CCV1)

Prepared & Analyzed: 02/13/19

Ethylene oxide	2.50	ppbv	0.1	30.00
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Sequence 1902044

Calibration Check (1902044-CCV1)

Prepared & Analyzed: 02/15/19

Ethylene oxide	2.21	ppbv	-11.4	30.00
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PHONE: (919) 541-4957 **FAX:** -

FILE #: 0344.00

REPORTED: 02/22/19 08:19

SUBMITTED: 01/24/19 to 02/13/19

AQS SITE CODE:

SITE CODE: EtO Region 5

Notes and Definitions

U	Under Detection Limit
LK	Analyte identified; Reported value may be biased high
D	This result obtained by dilution.
ND	Analyte NOT DETECTED
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference

Note: The test results meet all requirements of NELAC; however the following analytes are not accredited: 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-butadiene, acetylene, acrolein, bromochloromethane, bromodichloromethane, bromoform, carbon disulfide, dibromochloromethane, dichlorodifluoromethane, dichlorotetrafluoroethane, ethyl acrylate, ethyl tert butyl ether, ethylene oxide, hexachloro-1,3-butadiene, octane, propylene, tert amyl methyl ether, tetrachloroethylene, trans-1,2-dichloroethylene, trichlorofluoromethane, and trichlorotrifluoroethane.